

PATENT ABSTRACTS OF JAPAN

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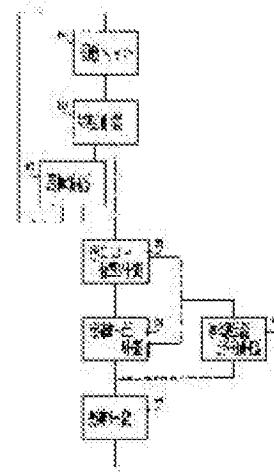
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G06F 15/66(21)Application number : **02-180473**(71)Applicant : **FUJITSU LTD**(22)Date of filing : **10.07.1990**(72)Inventor : **NODA TSUGUO**

(54) METHOD AND DEVICE FOR RESTORING PICTURE DATA

(57)Abstract:

PURPOSE: To restore the pictures at a high speed in hierarchical restorage by inhibiting the adverse quantization, the adverse DCT conversion, and the updating of a picture memory when no effective coefficient is included in a block.

CONSTITUTION: The input code data are decoded by a decoding means 1 and turned into a quantization coefficient. If no significant coefficient is included in the decoded quantization coefficient within a single block, the zero data are outputted as the restoration data. If the quantization coefficient contains a significant coefficient, an adverse quantization means 2 and an adverse DCT conversion means 3 are actuated for restoration of pictures. Then the restored picture data are selected by a selection means 6 and stored in a picture memory 7 at a 1st stage. At and after a 2nd stage, the picture data stored in the memory 7 are added to the picture date restored by the means 3 and this addition output is selected by the means 6 and stored in the memory 7. Meanwhile the block addresses are counted up and no addition is carried out in a block when the significant coefficient is not contained in the quantization coefficient within a block. Thus the pictures are restored at a high speed.



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